

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		@pd<"20020821" and ("oscillation circuit" same ((compose\$ with 2) with circuit) )	US-PGPUB; USPAT	OR	ON	2010/02/03 12:21
		"20040075473" and (exceeds with first) with threshold )	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:34
		706/15.ccls. and (((amplitude with (control or input)) same (oscillation or frequency))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:41
		@fd<"20020821" and ((phase adj3 oscillation) with controlled)	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:47
		@pd<"20020821" and ((phase with oscillation) with control\$)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:29
		"radon transform".clam.	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:29
		@ad<"20020821" and (((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:04
		@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:03
		@fd<"20020821" and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2007/08/06 10:31
L1	5120	@pd<"20020821" and "oscillation circuit"	US-PGPUB; USPAT	OR	OFF	2010/02/03 12:20
L2	24	@pd<"20020821" and ("oscillation circuit" same ((compose\$ with two) with circuit) )	US-PGPUB; USPAT	OR	ON	2010/02/03 12:21
L3	490	331/172.ccls. and @pd<"20020821"	US-PGPUB; USPAT	OR	ON	2010/02/03 12:24

L4	97	331/172.ccls. and @pd< "20020821" and oscillation	US-PGPUB; USPAT	OR	ON	2010/02/03 12:24
L5	225	331/175.ccls. and @pd< "20020821" and oscillation	US-PGPUB; USPAT	OR	ON	2010/02/03 12:24
L6	315	I5 or I4	US-PGPUB; USPAT	OR	ON	2010/02/03 12:24
S1	1	"20040075473"	US-PGPUB; USPAT	OR	OFF	2006/12/05 08:59
S2	60535	@pd< "20020821" and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:00
S3	72834	@ad< "20020821" and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:49
S4	42061	@ad< "20020821" and (amplitude with (control or input)) and ((oscillation or frequency) with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:41
S5	23127	@ad< "20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:04
S6	19214	@pd< "20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:04
S7	17060	@pd< "20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural networks" or circuit \$)	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:05
S8	20307	@ad< "20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural networks" or circuit \$)	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:08

S9	53	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural networks" or circuit \$) and (spike with threshold)	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:26
S10	46	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural networks" or circuit \$) and (spike with threshold) and (second with threshold)	US-PGPUB; USPAT	OR	ON	2006/12/04 08:36
S11	1786	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural networks" or circuit \$) and "327".clas.	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:37
S12	1	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural networks" or circuit \$) and "327".clas. and (artificial with neural)	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:09
S13	1	"20040075473" and "first spike"	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:07
S14	1	"20040075473" and (first with spike)	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:07
S15	49	@ad<"20020821" and (inferior with olive)	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:42
S16	0	@ad<"20020821" and ((inferior with olive) with model\$)	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:43
S17	4	@ad<"20020821" and ((inferior with olive) same model\$)	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:43
S18	9432	@ad<"20020821" and (sinusoidal with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:49

S19	4001	@ad<"20020821" and (sinusoidal with (control or input)) and (amplitude with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:50
S20	1689	@ad<"20020821" and ((sinusoidal with (control or input)) same (amplitude with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:50
S21	110	"radon transform".clm.	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:29
S22	19	"radon transform".clm. and "inverse radon".clm.	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:30
S23	2	("radon transform".clm. with "neural network") and "inverse radon".clm.	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:35
S24	2	("radon transform".clm. with "neural network") and ("inverse radon".clm. with "neural network")	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:36
S25	2	("radon transform".clm. with "neural network") and ("inverse radon".clm. with "neural network") and (image with data)	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:36
S26	1	"20040075473" and filter	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:53
S27	1	"20040075473" and (phase with oscillation)	US-PGPUB; USPAT	OR	OFF	2006/12/01 09:12
S28	1	"20040075473" and (threshold)	US-PGPUB; USPAT	OR	OFF	2006/12/01 09:15
S29	1	"20040075473" and (first with threshold)	US-PGPUB; USPAT	OR	OFF	2006/12/01 11:26
S30	1	"20040075473" and ("first threshold" with spike)	US-PGPUB; USPAT	OR	OFF	2006/12/01 10:57
S31	1	"20040075473" and (oscillation)	US-PGPUB; USPAT	OR	OFF	2006/12/01 11:39
S32	1	"20040075473" and (first with spike)	US-PGPUB; USPAT	OR	OFF	2006/12/01 11:26
S33	1	"20040075473" and (oscillation with generat\$)	US-PGPUB; USPAT	OR	OFF	2006/12/01 12:18
S34	1	"20040075473" and (preserv\$)	US-PGPUB; USPAT	OR	OFF	2006/12/01 12:39
S35	1	"20040075473" and (robot \$)	US-PGPUB; USPAT	OR	OFF	2006/12/01 12:57
S36	1	"20040075473" and (back \$)	US-PGPUB; USPAT	OR	OFF	2006/12/01 13:41

S37	0	"20040075473" and ("degree of coupling")	US-PGPUB; USPAT	OR	OFF	2006/12/01 13:42
S38	0	"20040075473" and ("degree of" with "of coupling")	US-PGPUB; USPAT	OR	OFF	2006/12/01 13:45
S39	1	"20040075473" and (degree with coupling)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:10
S40	1744	2pd< "20020821" and ("neural network" or "neural networks") and (robot samw walking)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:12
S41	61	2pd< "20020821" and ("neural network" or "neural networks") and (robot same walking)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:15
S42	1	"20060056678" and walk\$	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:15
S43	0	"20060056678" and walk\$ and phase	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:15
S44	0	"20060056678" and walk\$ and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:15
S45	42	2pd< "20020821" and ("neural network" or "neural networks") and (robot same walking) and phase	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:16
S46	3	2pd< "20020821" and ("neural network" or "neural networks") and (robot same walking) and phase and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:24
S47	1	"20050113973" and phase and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:22
S48	0	@pd< "20020821" and ("neural network" or "neural networks") and (robot same walking) and phase and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:24
S49	8	@pd< "20020821" and ("neural network" or "neural networks") and (walking) and phase and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:29
S50	8814	@pd< "20020821" and (phase with oscillation)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:29
S51	3074	@pd< "20020821" and ((phase with oscillation) with ( control or controlled or controlling))	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:30

S52	0	@pd<"20020821" and ((phase with oscillation) with ( control or controlled or controlling)) and (artificial with neural)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:30
S53	4	@pd<"20020821" and ((phase with oscillation) with ( control or controlled or controlling)) and (neural with network)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:30
S54	1	"20040075473" and "output device"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:37
S55	1	"20040075473" and "device"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:37
S56	0	"20040075473" and "degree of"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:53
S57	1	"20040075473"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:53
S58	1	"20040075473" and "degree"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:53
S59	288	@pd<"20020821" and ((phase adj3 oscillation) with controlled)	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:47
S60	0	@pd<"20020821" and ((phase adj3 oscillation) with controlled) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:47
S61	0	@pd<"20020821" and ((phase adj3 oscillation) with controlled) and (neurons)	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:48
S62	0	@pd<"20020821" and ((phase adj3 oscillation) with (control or controlling or controlled)) and (neurons)	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:49
S63	0	@pd<"20020821" and ((phase adj3 oscillation) with (control or controlling or controlled)) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:49
S64	13	@pd<"20020821" and ((phase adj3 oscillation) ) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:57

S65	23	@pd< "20020821" and ("inferior olive" or "olivo-serebellar" or "olivo cerebellar")	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:58
S66	5	@pd< "20020821" and ("inferior olive" or "olivo-serebellar" or "olivo cerebellar") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:01
S67	18	S65 not S66	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:01
S68	52	@ad< "20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural networks" or circuit \$) and "706".clas.	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:39
S69	405	706/15.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:40
S70	11	706/15.ccls. and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:40
S71	13	706/15.ccls. and ((amplitude with (control or input)) same (oscillation or frequency))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:41
S72	23	706/15.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S73	5	706/12.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S74	425	706/12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S75	47	706/20.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S76	33	706/26.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S77	218	327/100.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:43

S78	72	327/100.ccls. and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:43
S79	167	S78 or S76 or S75 or S73 or S72	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:43
S80	0	"20040075473" and "processig unit"	US-PGPUB; USPAT	OR	OFF	2006/12/05 10:28
S81	1	"20040075473" and "processing unit"	US-PGPUB; USPAT	OR	OFF	2006/12/05 08:59
S82	2193	@pd< "20020821" and ((control with oscillation) with phase)	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:27
S83	3	@pd< "20020821" and ((control with oscillation) with phase) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:28
S84	3	@pd< "20020821" and ((phase with oscillation) with control) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:28
S85	9	@pd< "20020821" and ((phase with oscillation) same control) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:29
S86	6	S85 not S84	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:29
S87	1	"20040075473" and "inferior"	US-PGPUB; USPAT	OR	OFF	2006/12/05 10:28
S88	1	"20040075473"	US-PGPUB; USPAT	OR	OFF	2007/08/06 10:31
S89	1	"20040075473" and (input with signal)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:17
S90	0	"20040075473" and (input with connection)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:18
S91	1	"20040075473" and ("input signal")	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:19
S92	1	"20040075473" and connection	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:28
S93	1	"20040075473" and ((amplitude with frequency) with first)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:34



S94	1	"20040075473" and ((exceeds with first) with threshold )	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:51
S95	0	"20040075473" and (related with fashion )	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:52
S96	0	"20040075473" and (related with cluster )	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:52
S97	0	"20040075473" and (group with cluster )	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:53
S98	1	"20040075473" and ( cluster )	US-PGPUB; USPAT	OR	OFF	2007/08/06 12:02
S99	1	"20040075473" and ( cluster with neuron )	US-PGPUB; USPAT	OR	ON	2007/08/06 12:03
S100	1	"20040075473" and ( cluster with higher )	US-PGPUB; USPAT	OR	ON	2007/08/06 12:04
S101	0	"20040075473" and (( cluster with higher ) with degree)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:07
S102	0	"20040075473" and (( cluster with higher ) same degree)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:07
S103	0	"20040075473" and (( cluster same higher ) same degree)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:17
S104	0	"20040075473" and cheical	US-PGPUB; USPAT	OR	ON	2007/08/06 12:17
S105	1	"20040075473" and chemical	US-PGPUB; USPAT	OR	ON	2007/08/06 12:19
S106	1	"20040075473" and (oscillation with generation)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:37
S107	0	"20040075473" and (phase with characteristic)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:38
S108	1	"20040075473" and (phase same characteristic)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:50
S109	1	"20040075473" and (coupling with element)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:51
S110	1	"20040075473" and ((coupling with impedance) with variable)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:52
S111	1	"20040075473" and synchronization	US-PGPUB; USPAT	OR	ON	2007/08/06 15:53
S112	1	"20040075473" and (command with input)	US-PGPUB; USPAT	OR	ON	2007/08/06 14:13

S113	1	"20040075473" and ((generat\$ with different ) with threshold )	US-PGPUB; USPAT	OR	ON	2007/08/06 14:14
S114	0	"20040075473" and "characteristic information"	US-PGPUB; USPAT	OR	ON	2007/08/06 15:53
S115	0	"20040075473" and (characteristic with information)	US-PGPUB; USPAT	OR	ON	2007/08/06 15:57
S116	0	"20040075473" and (characteristic same information)	US-PGPUB; USPAT	OR	ON	2007/08/06 16:03
S117	0	"20040075473" and (synchronize with controll \$ )	US-PGPUB; USPAT	OR	ON	2007/08/06 16:03
S118	0	"20040075473" and (synchronize with controll )	US-PGPUB; USPAT	OR	ON	2007/08/06 16:03
S119	0	"20040075473" and (synchronize same controll \$ )	US-PGPUB; USPAT	OR	ON	2007/08/06 16:04
S120	1	"20040075473" and (controll\$ )	US-PGPUB; USPAT	OR	ON	2007/08/06 16:24
S121	1	"20040075473" and (variable with impedance )	US-PGPUB; USPAT	OR	ON	2007/08/06 16:24
S122	1	"20040075473" and circuit	US-PGPUB; USPAT	OR	OFF	2008/02/14 11:41
S123	1	"20040075473" and ((amplitude withphase) with frequency)	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:14
S124	0	"20040075473" and ((amplitude with phase) with frequency)	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:14
S125	0	"20040075473" and ((amplitude with phase) )	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:14
S126	1	"20040075473" and (( phase) )	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:14
S127	0	"20040075473" and ((amplitude same phase) same frequency)	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:16
S128	1	"20040075473" and ((amplitude with frequency))	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:16
S129	0	"20040075473" and "phase characteristic"	US-PGPUB; USPAT	OR	OFF	2008/02/15 10:29
S130	0	"20040075473" and (phase with characteristic)	US-PGPUB; USPAT	OR	OFF	2008/02/15 10:29

S131	0	"20040075473" and (phase same characteristic)	US-PGPUB; USPAT	OR	OFF	2008/02/15 10:30
S132	0	"20040075473" and (phase with predetermin\$)	US-PGPUB; USPAT	OR	OFF	2008/02/15 10:30
S133	1	"20040075473" and (variable with impedance )	US-PGPUB; USPAT	OR	OFF	2008/02/15 12:17
S134	1	"20040075473" and (( plurality with coupling) with element)	US-PGPUB; USPAT	OR	OFF	2008/02/15 12:33
S135	1	"20040075473" and (( plurali\$ same coupling) same element)	US-PGPUB; USPAT	OR	OFF	2008/02/15 12:34
S136	1	"20040075473" and (( coupling) same element)	US-PGPUB; USPAT	OR	OFF	2008/02/15 13:18
S137	1	"20040075473" and (( coupling) same element)	US-PGPUB; USPAT	OR	ON	2008/02/15 13:18
S138	1	"20040075473" and synchron\$	US-PGPUB; USPAT	OR	ON	2008/02/15 13:29
S139	1	"20040075473" and (command with input)	US-PGPUB; USPAT	OR	ON	2008/02/15 14:16
S140	1	"20040075473" and (coupling with high)	US-PGPUB; USPAT	OR	ON	2008/02/15 14:50
S141	0	"20040075473" and (higher with degree)	US-PGPUB; USPAT	OR	ON	2008/02/15 14:58
S142	0	"20040075473" and (low\$ with degree)	US-PGPUB; USPAT	OR	ON	2008/02/15 14:58
S143	0	@pd<"20020821" and "alpha rhythm"	US-PGPUB; USPAT	OR	OFF	2010/02/02 12:32
S144	78	@pd<"20020821" and "alpha rhythm"	US-PGPUB; USPAT	OR	OFF	2010/02/02 12:32
S145	46	@pd<"20020821" and "alpha rhythm" and circuit	US-PGPUB; USPAT	OR	OFF	2010/02/02 12:32
S146	1	"4677982".pn.	US-PGPUB; USPAT	OR	OFF	2010/02/02 13:15
S147	1	"20040075473" and (positive with feedback)	US-PGPUB; USPAT	OR	OFF	2010/02/02 15:30
S148	0	"20040075473" and (negative with feedback)	US-PGPUB; USPAT	OR	OFF	2010/02/02 15:30
S149	1	"20040075473" and "first spike"	US-PGPUB; USPAT	OR	OFF	2010/02/02 15:51

2/ 3/ 2010 12:34:52 PM

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